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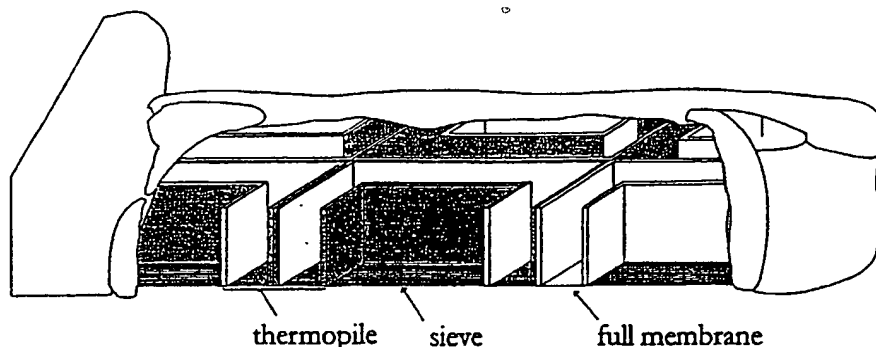
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(54) Title: MICROPHYSIOMETER



(57) Abstract: The present invention is related to an array device for monitoring the effect of a physical or chemical stimulus on multiple small samples, said array device comprising a supporting substrate at least two array elements that are separated from each other by a isolation zone, said array elements comprising: • A receiving zone arranged to provide a contact between said one of said samples and said physical or chemical stimulus, said receiving zone having a cross-section smaller than 10 mm. • A heat detection means arranged to perform a measurement of heat between said receiving zone and a reference, and said isolation zone being formed by at least part of said supporting substrate characterised in that said supporting substrate has sufficient strength to support said array device and said isolation zone is arranged to thermally isolate said array elements.



WO 01/85901 A3

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N G01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	EP 0 921 391 A (IMEC INTER UNI MICRO ELECTR) 9 June 1999 (1999-06-09)	1-4, 7, 8, 10, 11, 13, 14, 16-18, 5, 12, 15
Y	paragraphs '0002!', '0007!'-'0009!', '0020!', '0021!; figure 1	1, 6-8
X	MAYER G ET AL: "NANOTITERPLATES FOR SCREENING AND SYNTHESIS" BIOMETHODS, BIRKHAUSER, BASEL, CH, 1999, pages 75-128, XP000911754 ISSN: 1018-6255 page 105, paragraph 4.6 -page 111 page 85 -page 86	9
X	--- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	WO 95 11755 A (BEATTIE KENNETH L ;HOUSTON ADVANCED RES CENTER (US)) 4 May 1995 (1995-05-04) the whole document	9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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